GIS Users Meeting June 2013 Minutes

Welcome by Everett Root, Manager, Geospatial/Spatial Technologies, DTMB

Introductions-

State

CSS – Everett Root – Started to migrate application map services to version 13. Prfinder will be the first then others will follow.
All imagery was collected (about 11,000 miles). Waiting to do review.
Notified by Eaton County that GOOGLE has 2013 orthophotos on GOOGLE maps. CSS investigated and found that Eaton, Clinton, Ingham Livingston, and Jackson Counties all have some. Contacted the georep for this area; they are 6 inch four band with obliques, comes in jp 2000 format. GOOGLE is very interested in on-premise solutions. Everett asked for spec documents but haven't arrived yet.
Version 13 will be on GDL in July.
DEQ Environmental Mapper got more updates.
New app – road string crossing inventory DNR/DEQ indicates where culverts cross roads. Will receive data from road soft. When that is updated the information will be added in the app. Has to do with fish migrations.
Accepting changes in Version 14. Moving into Oracle database.

        Paul Harmon – Set up in July a conference on parcel and statewide parcel layering to take up where the last GIS Users meeting left off.

MDEQ - John Esch – Geowebface application is getting good reviews from the geological, mining, and oil and gas community. There is a Governor's directive to promote mining and mineral extraction from the UP.

MDOT - Joyce Newell – Finalizing the Adjusted Census Urban Boundaries. Coming out in Version 14 of Framework.
Statewide functional class review. Determines which road qualifies for federal funding.
Paser data collection is ongoing. But not much funding.
Contacting local agencies to coordinate traffic data for HMS and Federal purposes.
Posting another full time position soon.
Working with CSS to convert maps to ESRI platform. But have technical issues with mileage conversion to ESRI.

MSP – Trevor Havelka – Supported emergency management issues concerning flooding Grand Rapids, Saginaw and the western part of the U.P..
Had a "Hostile Action" exercise on power plants in which they worked with local authorities and State agencies.
A lot of internal mapping.

Federal

Sarah AcMoody – Working with new technology. Switched to online ESRI with SAP interface and Silverlight api to do most of their editing on the web. First time done anywhere.

Charlie Hickman – LIDAR will be emphasized for the next few years, under the 3d elevation program. Muskegon is done and hope to have more money in next two years for more counties. Complete coverage for Michigan in the next few years.

Using the NGA urban area funding for more imagery; Grand Rapids in 2014, Detroit/Flint/Lansing areas in 2015.

Hydrography – Michigan county Drain Commissioners are studying to determine if they can use the National Hydrography Dataset as a basemap for Michigan drains.

Updating Michigan information on the interagency elevation inventory; Dickinson County and Saginaw Bay area have approved funding for the updates.

Working with Veterans Administration to get boundaries for some cemeteries. May be a couple in Michigan.

John Gulch – USEPA – Pilot project in Ohio for their emergency response community; chemical and oil spills. Taken inland sensitivity data like endangered species, sensitive ecosystems and combined them with shoreline types, location of pipelines and oil facilities. Also stream gauges and roads. Hooking to that places that would be good staging locations during large oil spills. All hosted on flex viewer at EPS. Michigan may be the next state for this information.

Associations

MICAMP – Andrew Hartwick – 18th annual conference on Sept 18-20. More information emailed and posted on the website.

Counties

Scott Ambs – Jackson County –

Trevor Floyd – St. Clair County – Trying to migrate to 10.1; problems with 10.1 talking with sequal 2005 so need to go to 2012.

Live with the new EOC by next meeting.

Scott Harrod – City of Ann Arbor – Moving to 10.1. Now on city work server.

Continue to work with Geocortex solution, Silverlight for desktop, and html5 for mobile apps. May switch to ArcGIS Online if their promises work out.

Cleaning up their address tables.

Non-Motorized Monstrosity layer; sidewalks, trails, paths all put in one file and coordinate internally to get it completed this summer.

Kevin Funtik – Wayne County – Getting closer to demo-ing ArcGIS Online.

Getting close to partnering with the State on finding a better way of updating the road centerline file.

Andrew Hartwick – St. Joseph County – Starting a new remon season.

A new CAD dispatch software, ALERT public safety systems.

New equalization director and administration.

Brody Hill – Kent County – Digital download of data for free; parcels, hydrography, PLSS, splitting it up into township.

Jason Enos – Kalamazoo County –

Brent Thelen – Calhoun County – Updating Emmet twp. parcels. Longer process than anticipated.
Going section by section.
New water resources commissioner that supports GIS. Also drawing drain districts.

Neil Besteman – Allegan County – Rolled I.T. and GIS departments together.
Assessing the web technology within the county to anticipate rolling into a web parcel viewer.
Working with local units and the State to obtain aerial imagery.
Flooding damage is $300,000 dollars worked with EOC on that.

Ashley Repke – Genoa Township – First summer had map based maintenance program for field
personnel. Going to go to GIS server online to update the maps.
Producing sewer maps and underground utility maps so that the road construction does not hit
anything.

Tom Van Bruggen – Muskegon County –

Regional

Dan Dillinger – TCRPC – Received their two foot contours derived from their 2010 flight through
MSU. Also extracted a section of building footprints from that flight as well.

Stephanie Taylor – SEMCOG – Still rolling out 10.1. Problems with SDE but getting through.
Refreshing the maps in their online map catalogs, has latest maps for demographic data,
transportation, and environment and land use data for SE Michigan.
Processing LIDAR data requests.
Continuing to work on land cover and attribution of the building footprints data.
Having a SE Michigan GIS Users Group meeting June 13 in the SEMCOG offices at 1001 Woodward
on the 14th floor. You can reach Stephanie at taylor@semcog.org or you can go online and view the
agenda.
Stephanie was asked how they distributed LIDAR data and she said users sent in a hard drive and
they loaded county wide data on it then sent it back. Trevor mentioned that the CLICK USGS LIDAR
site was easier since it was public domain and they could download what they wanted from there
without hard drives and processing data.

Nathan Fazer – EUPRPDC – Agreement signed by counties to obtain funding to do their GIS.
Did a presentation to the Upper Peninsula Association of County Commissioners to talk about the
uses of GIS.
Working with AMALGAM and getting to the end of the Mackinac Bay parcel project and they will soon
be getting that dataset. Will take over the maintenance of the set.
May do some custom web mapping since Arc Online is a bit limited.

Others

Justin Booth – RSGIS- Building a one day Arc GIS Online class, in August.
Helping the University to get ready to fly UAS' (unmanned airborne system). There are legal
problems but they are being researched for agriculture research.

Chad Collins – InfoGeographics – Completed work on a tool for targeting, identifying and reconciling errors in address based data within the confines of ArcGIS desktop. They will distribute it for free.
Also working on geocortex implementation for a job in Ontario.
Supporting the parcel fabric and doing training on that.

Andrew Rathburn – Title Check – Getting ready for their auction season. Looking for a better way to put their maps online. Asking for help….ArcGIS Online is too expensive right now.

Chris Perry – MSU-IPF – Inventory all entrances to buildings. Using 3d panoramic photography for all the locations. All publicly available on their site.
Getting ready to roll out the second generation of the Research Emergency Defense System (REDS).
Inventory of all the hazardous biological, chemical materials on campus. When done it will be pushed into the system so first responders will be notified of hazardous materials.
Inventorying ridership data from CADA to see if they will renew their contract with them next year.
Seeing if they can change route to improve service and save costs.

The Special Topic and Educational Sessions slides are online at;
http://www.michigan.gov/cgi/0,4548,7-158-52927_53037_12761_15235---,00.html